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| 22879 7590 10/08/2009 HEWLETT-PACKARD COMPANY Intellectual Property Administration 3404 E. Harmony Road Mail Stop 35 FORT COLLINS, CO 80528 | | | | |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/763,506

Applicant(s)

WINSOR, GERALD W.

Examiner

Joiya M. Cloud

Art Unit

2444

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 June 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)
- Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

This action is responsive to the application filed on 06/10/2009. Claims 1-42 are
PENDNG.

Response to Arguments

A) With respect to claim 1, "Applicant finds nothing at these locations or elsewhere in Bansal teaching "an application server...having web services interface connecting the mobile portal to the mobile server."

As to the above argument A), Examiner respectfully disagrees. Examiner submits, the gateway having connectivity to the communication network is disclosed in Figure 1, the multi-channel gateways, see also paragraph [0189]. The mobile portal is disclosed in Figure 1, Portal which is connected to the gateways, see paragraph [0163] and [0016]. Examiner has interpreted the mobile server as the origin server of Figure 5, see also paragraph [0083], [0254], [0465] and [0482], where the origin server is accessed via the portals. Bansal teaches the application server, in Figure 1-item 14, the application server having a web services interface (paragraph [0152, the standard interface extending plug-ins to the web server).

B) With respect to claims 2-5, 11, 17-20 and 22, no location in Bansal teaches these limitations. As to the above argument B), Examiner respectfully disagrees. The instant claim relies upon the infallibility of the arguments presented with claim 1. Thus, the rejection of the instant claim is maintained for substantially similar reasons. Furthermore, the Applicant has only broadly asserted that certain limitations are not disclosed.

C) With respect to claim 24, "Applicant finds no teaching at the cited locations as to the business rules in the application server or their association with accessing a database as required by claim 24. Furthermore, claim 24 requires "wherein the business rules include executable instructions...accessible across multiple network applications." "Bansal teaches use of business rules to determine whether a user can be added to a site or application. The determination "is not directed to making user profile data accessible across multiple network applications."

As to the above argument C), Examiner respectfully disagrees. Examiner submits paragraphs [0040] and [0357], where the application server includes a set of business rules to add user and therefore associated with accessing user data. Furthermore, the claim recites "business rules...to make a user profile service database accessible across multiple network applications." Examiner submits that the above recited claim language does not require steps to be performed and is merely a statement of intended use of the inclusion of executable instruction. However, the user profile data is not recited in the claim as establishing using profile data accessible across multiple networks. Therefore, Examiner suggests Applicant amend the claim language to specifically limit the claim to perform the providing and the managing step.

D) With respect to claim 25, "As explained above, with regard to claim 24, Bansal fails to teach these limitations, because neither adding a user to a site/application, nor entitlement to administer profiles, or providing a database layer teaches "business rules...to make a user profile service database accessible across multiple network applications."

As to the above argument D), Examiner respectfully disagrees. Examiner submits that the instant claim recites "providing business rules..the business rules associated with accessing user profile data to..." Examiner submits that the above recited claim language does not require steps to be performed and is merely a statement of intended use. Therefore, Examiner suggests Applicant amend the claim language to specifically limit the claim to perform the the providing and the managing step.

E) With respect to claims 28 and 31, "None of the cited locations teach the limitations for providing a service application based on location.

As to the above argument E), Examiner respectfully disagrees. The instant claims rely upon the infallibility of the arguments presented with claim 25. Thus, the rejection of the instant claim is maintained for substantially similar reasons. With respect to claim 31, Examiner submits the limitation disclose in Bansal in paragraph [0351] and paragraph [0486].

F) With respect to claim 32 and 33, "The teaching of Bansal are explained above, and do not include collecting a given user's profile data from multiple network sources, but rather disclose distribution of a profile across network sources.

As to the above argument F), Examiner respectfully disagrees. Examiner submits paragraph [0345], where Bansal discloses the collecting of users information. This limitation is also disclosed in paragraph [0351]. Furthermore, see paragraph [0486].

G) With respect to claim 34, "None of the cited locations in Bansal cited by the Examiner and none identified by Applicant teach accessing a user profile via a web services interface of an application server."

As to the above argument G, see above reference to a web services interface in response A).

I) With respect to claim 38, "The cited locations of Bansal teach...and include no suggestion of managing demographic information.

As to the above argument I, Examiner respectfully disagrees. Examiner submits that it is inherent that user's who register profiles will register demographic information.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Bansal et al. (U.S. Publication No. 2003/0120593 A1, hereinafter **Bansal**).

As per claim 1, Bansal teaches a service delivery platform, comprising: a gateway having connectivity to a communication network (**Figure 1**); a mobile portal having connectivity to the gateway (**Figure 1 and paragraphs [0163] and [0164]**); a mobile server accessible by the mobile portal (**Figure 1**); and an application server (**Figure 1, paragraph [0045]**) having a web services interface connecting the mobile portal to the mobile server, wherein the web services interface includes access to the mobile portal and to an associated database structure containing user profile data (**paragraphs [0060], [0569] and [0570]**), wherein the web services interface can register user profile data for services with the mobile server (**paragraphs [0351] and [0342]**).

As per claim 2, Bansal teaches wherein the web services interface is discoverable and invokeable as a stand-alone web service (**paragraph [0152]**).

As per claim 3, Bansal teaches wherein the application server having the web services interface includes a set of business logic instructions to manage access and control of the user profile data (**paragraphs [0357]-[0359] and [0372]**).

As per claim 4, Bansal teaches wherein the application server having the web service interface uses a web services descriptor language (WSDL) document to register user profile data with the mobile server (**paragraph [0460]**).

As per claim 5, Bansal teaches wherein the WSDL document is automatically generated from a Java Integrated Development Environment (IDE) (**paragraphs [0438] and [0460]**).

As per claim 6, Bansal teaches wherein the set of business logic instructions can integrate with business rule processing engines external to the platform (**paragraphs [0357]-[0359] and [0372]**).

As per claim 7, Bansal teaches, wherein the application server having the web services interface includes program instruction which can execute to access the mobile server using simple object access protocol (SOAP) (**paragraph [0460]**).

As per claim 8, Bansal teaches wherein the application server having the web services interface includes program instruction which can execute to access the mobile server using Java Messaging Service (JMS) (**paragraph [0459]**).

As per claim 9, Bansal teaches wherein the application server having the web services interface includes program instruction which can execute to access the mobile server using a messaging middleware application (**paragraph[0086]**).

As per claim 10, Bansal teaches wherein the application server having the web services interface includes program instruction which can execute to access the mobile server within a common object request broker architecture (CORBA) (**paragraph [0458]**).

As per claim 11, Bansal teaches wherein the application server having the web services interface includes a middle tier cache to hold retrieved data from the associated database structure (**paragraph [0595], [0992], [0998]**).

As per claim 12, Bansal teaches wherein the application server having the web services interface further includes program instructions to provide session management and to clear the middle tier cache (**paragraphs [0731], [0357]-[0359] and [0372]**).

As per claim 13, Bansal teaches wherein the set of business logic instructions control retrieval, update, and deletion of the user profile data (**paragraph [0064]**).

As per claim 14, Bansal teaches further including instructions to log and debug (**paragraph [0847], Figure 2**).

As per claim 15, Bansal teaches wherein the instructions to log include instructions to: log updates to the associated database structure; log who performed updates; log when updates were performed; log what updates were implemented; log who made requests into the platform; log when requests were made; and log what information was requested (**Figure 28 and paragraphs [0099], [0100] and [0847]**).

As per claim 16, Bansal teaches wherein the business logic instructions include a series of Java classes to implement user profile services (**paragraph [0037]-[0039]**).

As per claim 17, Bansal teaches wherein the mobile server includes a universal business registry of web services (**paragraph [0037]**).

As per claim 18, Bansal teaches wherein the application server having the web services interface and the associated database structure containing user profile data can be accessed directly by the gateway ().

As per claim 19, Bansal teaches wherein the application server having the web services interface uses templates to define profile elements in the user profile data.

As per claim 20, Bansal teaches wherein the templates are used by program instructions to register the user profile data with the mobile server for application processing.

As per claim 21, Bansal teaches wherein the profile elements are selected from the group of: a user ID; a group ID; a user name; a preferred language; a status; a first name; a last name; a last login timestamp; a street; a street number; a zip; a city; a country; a gender; a mobile subscription; a mobile subscriber ISDN; a current device location; and an email address **(paragraph [0361])**.

As per claim 22, Bansal teaches wherein the application server having the web services interface is accessible across multiple network applications.

As per claim 23, Bansal teaches wherein the application server having the web service interface includes program instructions which can execute to register user profile data in the associated database with a business registry of the mobile server and with a registry on one or more third party servers **(paragraphs [0072], [0469] and [0486])**.

As per claim 24, Bansal teaches a mobile service delivery platform, comprising: a gateway having connectivity to a communication network; a mobile portal having connectivity to the gateway **(Figure 1)**; a mobile server accessible by the mobile portal **(Figure 1)**; and an application server **(Figure 1)** having a web services interface to connect the mobile portal to the mobile server, the application server including a set of business rules associated with accessing an associated database structure containing a compilation of user profile data from multiple

network sources (**paragraphs [0060], [0569] and [0570]**), wherein the business rules include executable instructions to make the user profile data accessible across multiple network applications (**paragraphs [0357]-[0359] and [0372]**).

As per claim 25, Bansal teaches method for user profile data, comprising: providing business rules to an application server, the business rules associated with accessing user profile data to make a user profile service database accessible across multiple network applications; applying the business rules in response to a request; and accessing the user profile service database when the request has been authorized by the applied business rules (**paragraphs [0357]-[0359] and [0372]**).

As per claim 26, Bansal teaches further including receiving an authorized request from a user of a mobile device to update the user profile data (**paragraph [0361] and [0366]**).

As per claim 27, Bansal teaches further including receiving a request from a mobile device for a service application (**paragraph [0351] and [0359]**).

As per claim 28, Bansal teaches further including the application server receiving identification and location information associated with a mobile device, wherein the application server provides a service application to the mobile device based on the identification and the location information (**paragraphs [0357], [0368], and [0359]**).

As per claim 29, Bansal teaches further including receiving a request from a third party entity to update the user profile data (**paragraphs [0072], [0469] and [0486]**).

As per claim 30, Bansal teaches, further including providing a third party service application to a mobile device based on the user profile data (**paragraphs [0072], [0469] and [0486]**).

As per claim 31, Bansal teaches further including the application server collecting user profile data from a number of third party network databases to populate the user profile service database (**paragraphs [0072], [0469] and [0486]**).

As per claim 32, Bansal teaches method for user profile service, comprising: collecting user profile data from multiple network sources in a localized database; providing business rules to an application server to manage access to the collected user profile data in the database; and allowing different network service applications to access the collected user profile data as determined by the business rules (**paragraphs [0357]-[0359] and [0372]**).

As per claim 33, Bansal teaches a computer readable medium having instructions for causing a device to perform a method, comprising: collecting user profile data from multiple network sources in a localized database; providing business rules to an application server to manage access to the collected user profile data in the database; and allowing different network service applications to access the collected user profile data as determined by the business rules (**paragraphs [0357]-[0359] and [0372]**).

As per claim 34, Bansal teaches mobile services delivery platform, comprising: an application server having a web services interface and accessible by a mobile network; means for storage and access of user profile data on a user profile service database in connection with the web service interface; and means for enabling applications and/or component parts of

applications to access profile elements in the user profile data and be distributed over the mobile network in connection with the web service interface (**paragraphs [0357]-[0359] and [0372]**).

As per claim 35-38, Bansal teaches wherein the means for storage and access includes a set of computer executable instructions; wherein the means for enabling applications and/or component parts of applications to access profile elements includes a set of computer executable instructions; wherein the application server includes program instructions to deploy, develop, administer, and integrate user profile data with one or more network applications.; and wherein the application server includes program instructions to manage: user demographic information; user privilege, access and rights information; and user service registration information (**paragraph [0069]-[0072]**).

As per claim 39-40, Bansal teaches wherein a profile element in the user profile data indicates an interest in soccer and wherein a profile element in the user profile data indicates an interest in Chinese cuisine and a disinterest in Italian cuisine (**paragraph [0060]**).

As per claim 41-42, Bansal teaches wherein the application server is accessible by wireless voice network and wherein the application server is accessible by a public wireless local area network (PwLAN) (**Figure 1**).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joiya Cloud whose telephone number is 571-270-1146. The examiner can normally be reached Monday to Friday from on 7:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on 571-272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3922.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JMC

/William C. Vaughn, Jr./

Supervisory Patent Examiner, Art Unit 2444

October 1, 2009